

Product datasheet for **SC329078**

PWWP3B (NM_001171020) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PWWP3B
Synonyms:	MUMIL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC329078 representing NM_001171020.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGTCTGAGTATGCTCTATGCAACTGGAAAGACCAGTTGTGGCCAGCAAAAGTTTGTCCAGATCT
GAAACTTCATCAACAGTAAGAGGAAAAAGGCATTTTCTCTAGAAGTTCAAATACTCTCACTAGATGAA
AAAATTAATTTGGACAGCACAGAAACAAAGATCCTAAATAAATCTCAAATTGAAGCCATTGCTGCCTCA
TTAGGACTACAGTCAGAGGACAGTGTCCACCTACAGAGGAACTGCCTATGGAAGTCACTAAAAGTG
GCACCTGGGTATTCTGAATGAGAGAACAAATTTGAGTCAAGCAAGCACTTCAGATGAAGAGGAGATCACT
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GGTGACTTACCAGGGTGTCTTGAGGAAAGGAAAACTCAGCATGCTTGTAGCATCTTCAGAGAGTGAT
GATTCCTGTATGATGATAAATCACAGCACCCACAATGGTCGATACTATTCCAAGTGAAGTGGAACA
AAGTCATTACAAAACCTAGCTGGTGCAGACTTTCCTTCACTTTCGGAAGATAATGATGAAAAAGAG
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GTTAAAGATGAAAAGTTTGTCTCCACCTTTGTACCTTTGTCTATCAGATATGCTCATTATGCCCAAAGCT
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GAGAATATTGAGGATCCTGGAGAGGGTCCCTCAAATCCATGCTTAGATACCAGCCAGAAATCAACCTTCC
ATGGAATCAGAGATGGGGCTGCAGCATGCCCTGGGAGTTGTTCAAGGGAATGCGAGGTTTCATTTAGT
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GAAGAAGTCTGAGGAAGAAGTCAAGCCTCTGACAAGTCATTGCTTCCAAGTCGCATTAATCTTTCTCTA
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CGAAAAGAGAGGAAAGCAAGTGTGCTTTTGTGAGGCAAAACATGAATTCTGAAAAGAAGGGCATTAGA
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GATTATAGTGAGAGTATTGACTGGTGCATCTCACTAATTTGTGACTACAGAGTTAGAATAGGTTGTGGT
TCTTTACGGGCTCTTTGCTTGAGTATTATGCTGCTGATATTAGTTACCCAGTTAGGAAAGAAACAAA
CAGGATACTTTTCAGGAACAAATTTCCAAAGCTGCATAATGAAGATGCCAGGGAACCGATGGCTGTAAT
TCCCAGACCAAGAAATGTCTTCCAAAAATTTCTCCCTGACCGGATGAAGGCTGCTCGGACCGAGGCC
AACAGAACCTGGTGGACTTCATTGTGAATGCAAGGGAACAGAGAACCATCTTCTGGCCATTGTAAT
GGCAGAAAAGGATCCAGATGGCTGAAATCATTTTGAATGCAATAGGTTACACCCCTGTATTGAAACA
TACTTTGAGGATGAAGATCAGTTGGATGAAGTGGTGAATATTTACAAGAAGTCTGCAATCAATAGAT
CAAATAATGCCAACTTGATAAAAGATGATAAAATTAATTTATCTAGAAGTCTTCTGCCAGAAGCA
ATTATTTGTTCAATTTCTGCTGTTGATGGGTTAGATTACGAGGCAGCTGAAGCAAAGTATCTAAAAGGA
CCATGTCTAGGCTACAGGGAAGAGAATTATTTGATGCAAAAATAATATATGAAAAGAGACGAAAAGCA
CCAACAAATGAAGCTCACTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGGC
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Restriction Sites:

Sgfl-MluI

ACCN:

NM_001171020

Insert Size:

2091 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001171020.1
RefSeq Size:	4184 bp
RefSeq ORF:	2091 bp
Locus ID:	139221
UniProt ID:	Q5H9M0
Cytogenetics:	Xq22.3
MW:	79 kDa
Gene Summary:	This gene encodes a protein which contains a mutated melanoma-associated antigen 1 domain. Proteins which contain mutated antigens are expressed at high levels on certain types of cancers. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2011] Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 2. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.